

<b>NWS Form E-5</b> (04-2006) (PRES. BY NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>Abilene/San Angelo, TX</b>
<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>		REPORT FOR: MONTH                      YEAR <b>June                              2013</b>
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		SIGNATURE Jason Johnson  DATE <b>July 19, 2013</b>

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

**X** An X inside this box indicates that no flooding occurred within this hydrologic service area.

During the month of June, several storm systems brought some respectable rainfall amounts to northern portions of the Abilene/San Angelo hydrologic service area (HSA). Most areas along and north of Interstate 20 have been enduring a prolonged period of extreme to exceptional drought. A rain event on the 5<sup>th</sup> of the month brought 0.5 of an inch to over two inches of rain across the Big Country. Nolan, Fisher and Jones Counties received the heaviest amounts from the event. Another notable event occurred on the 17<sup>th</sup> of the month, as severe weather and heavy rain moved across the northern two-thirds of the HSA. Parts of Nolan and Fisher Counties received three to five inches of rain. Portions of Throckmorton, Taylor, Jones, Runnels, Coleman and Brownwood Counties received two to three inches of rain. Flash flooding occurred in Abilene on the afternoon of the 17<sup>th</sup> when over two inches of rain fell in less than an hour.

The average precipitation reported from coop observers in June was 2.36 inches. The highest monthly precipitation total of 7.10 inches was reported in northern Jones County. Coop observers in Coke, Jones, Kimble and Throckmorton Counties received over four inches of rainfall in June.

The San Angelo Regional Airport received 1.40 inches of rain during June, which was 1.19 inches below normal for the month. The monthly normal rainfall for San Angelo in June is 2.59 inches.

The Abilene Regional Airport received 5.13 inches of precipitation during June, which was 1.57 inches above normal for the month. The monthly normal rainfall for Abilene in June is 3.56 inches.

Junction received 3.54 inches of rain during June. The estimated average monthly rainfall in June is about 3.61 inches.

### **Hydro Products Issued**

FFW = 1  
 FFS = 1  
 FLS = 13 (Urban/Small Stream Advisory)  
 ESF = 2 (Probabilistic Forecasts)

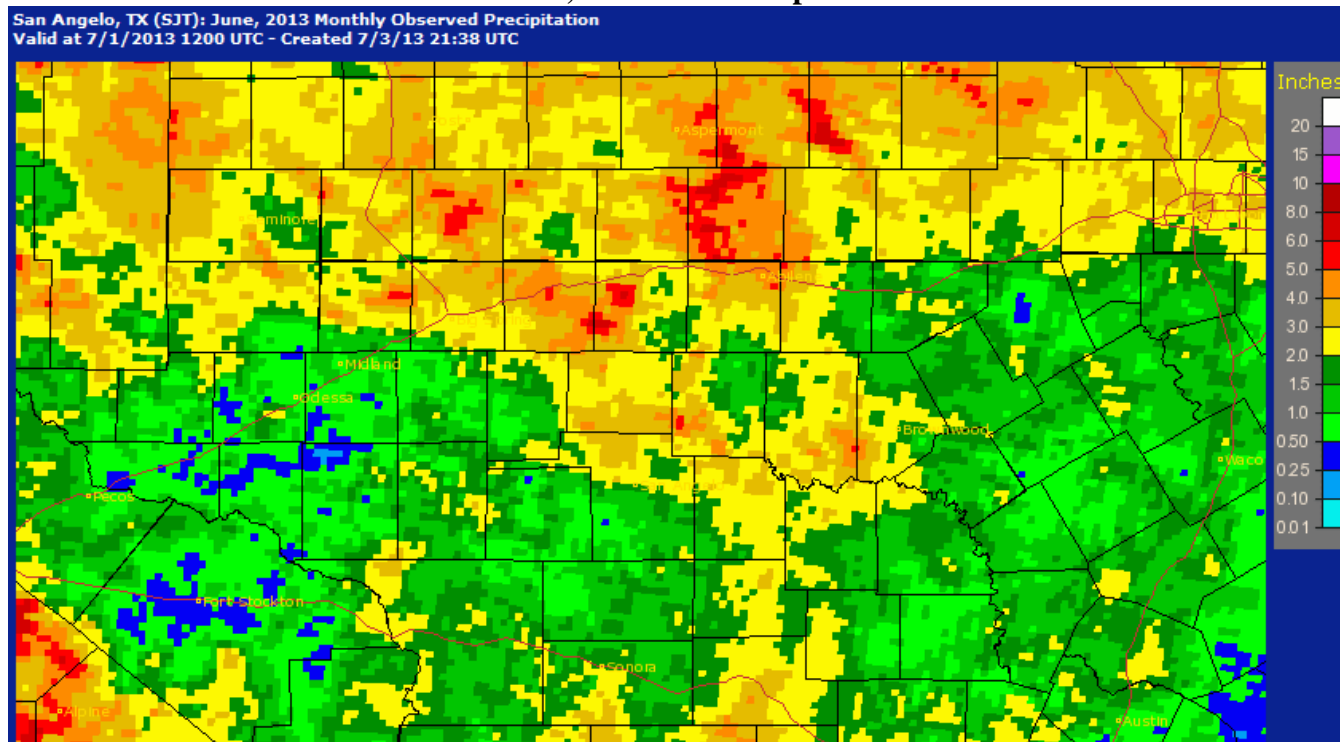
**Coop Observer Rainfall Totals for June, 2013:**

<b>Station Name</b>	<b>Amount (in)</b>		<b>Station Name</b>	<b>Amount (in)</b>
Abilene 2	3.09		Menard	2.07
Acton Ranch	1.61		Merkel 12SW	1.78
Albany	1.56		Mertzon 12WNW	1.12
Anson	5.39		Ozona	T
Ballinger 2NW	1.84		Ozona 22SE	1.22
Blackwell	1.50		Paint Rock	3.22
Brady	1.23		Putnam	0.94
Brownwood	0.80		Red Bluff Crossing	1.17
Burkett	1.19		Robert Lee	3.78
Coleman	1.69		Roscoe	3.16
Concho Park	2.71		Rotan	2.62
Eden	1.92		San Angelo WFO	1.21
Eldorado	0.95		San Saba 7NW	1.13
Eldorado 12N	1.48		Santa Anna 12SSE	3.91
Fort Griffin	3.93		Silver Valley	1.77
Fort McKavett	1.69		Sonora	0.85
Glen Cove 2NE	2.21		Stamford	7.10
Hamlin	4.77		Sterling City	1.64
Haskell	3.84		Taylor Ranch	1.33
Hords Creek	1.78		Throckmorton 7NE	4.74
Humble Pump	2.48		Water Valley	2.60
Junction 4SSW	5.08		Winchell	2.67
Lake Abilene	1.72		Water Valley 11NE	4.81
London 3N	0.15		Wingate	3.47
Mason	1.98		Woodson	2.73

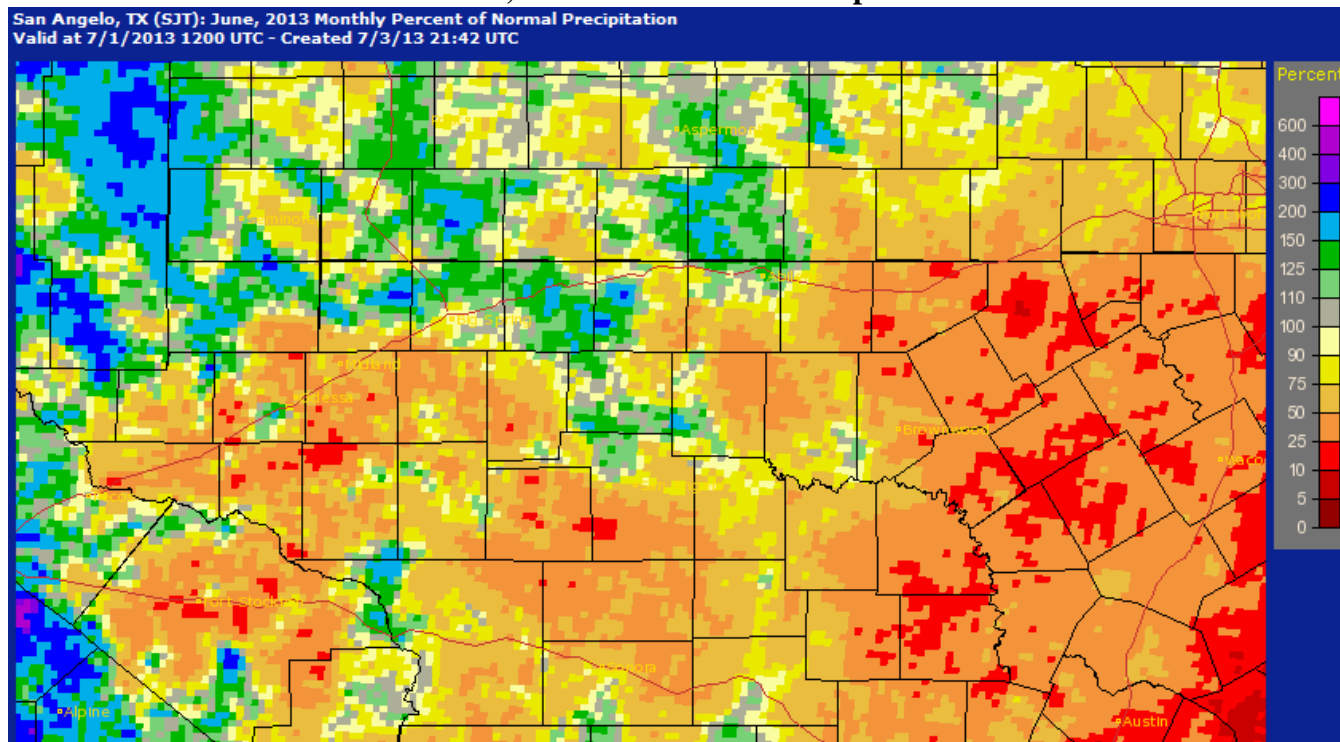
The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for June across the Abilene/San Angelo HSA are depicted below.

### June 2013, Observed Precipitation

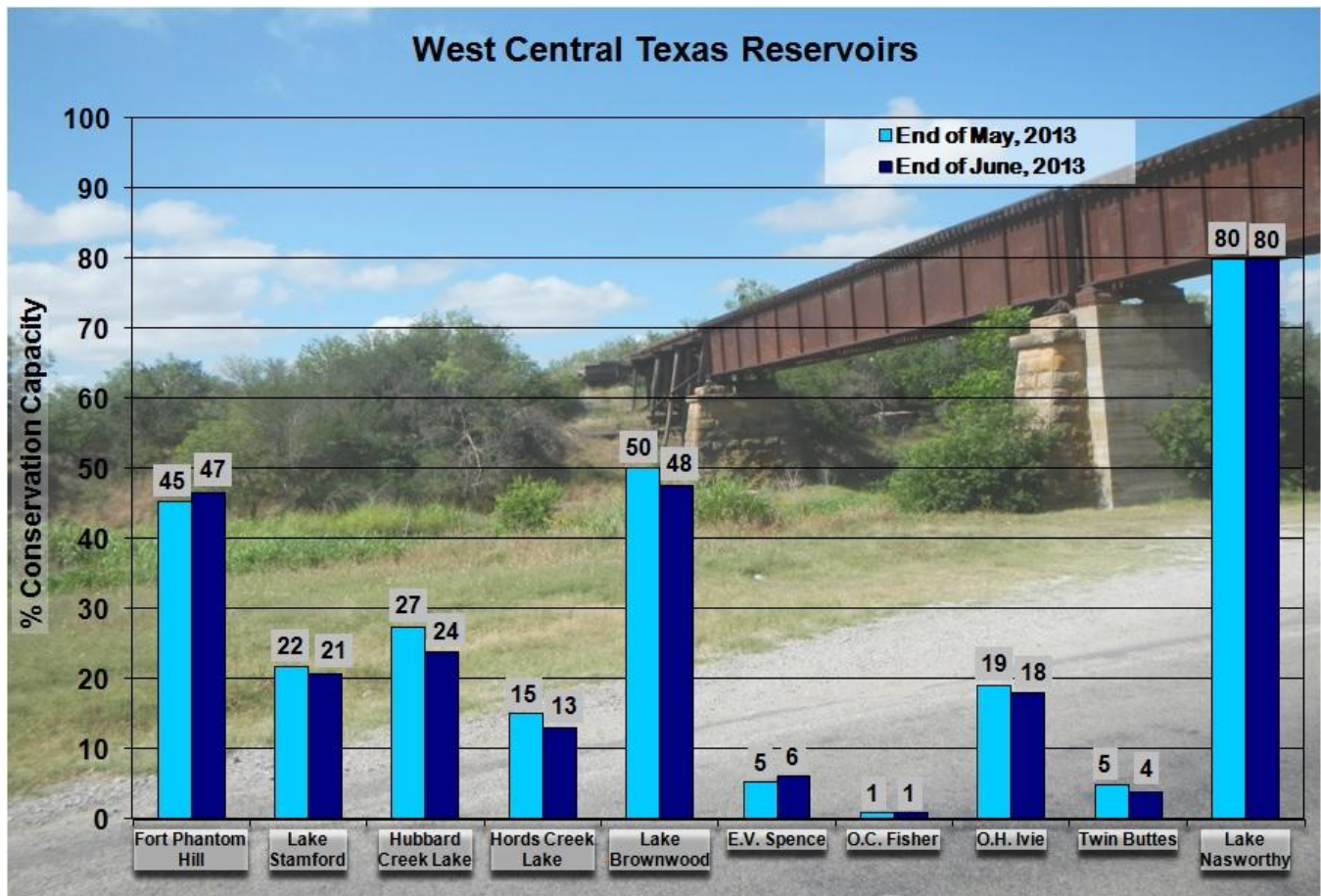


### June 2013, Percent of Normal Precipitation



### Reservoir Conditions (end of June, 2013)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	32,655	47
Lake Stamford	52,700	10,720	21
Hubbard Creek Lake	317,800	76,770	24
Hords Creek Lake	8,800	880	13
Lake Brownwood	131,428	61,361	48
E.V. Spence	488,760	31,300	6
O.C. Fisher	119,200	1,190	1
O.H. Ivie	554,340	99,620	18
Twin Buttes	177,800	6,680	4



The U.S. Drought Monitor depicted severe to exceptional drought conditions across most of the Abilene/San Angelo HSA during June.

